#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

### (19) World Intellectual Property Organization

International Bureau



## 

(43) International Publication Date 26 February 2004 (26.02.2004)

**PCT** 

(10) International Publication Number WO 2004/017265 A1

(51) International Patent Classification7: B42D 15/10

G07C 9/00,

(74) Agents: VAN WESTENBRUGGE, Andries et al.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box

(21) International Application Number:

PCT/NL2003/000447

19 June 2003 (19.06.2003) (22) International Filing Date:

(25) Filing Language:

Dutch

(26) Publication Language:

**English** 

(30) Priority Data:

1020903

19 June 2002 (19.06.2002) NL

ENSCHEDE/SDU B.V. (71) Applicant (for US only): [NL/NL]; P.O. Box 5300, NL-2000 GH Haarlem (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): D'AGNOLO, Carlo, Antonio, Giovanni [NL/NL]; Zuiderklamp 89, NL-5672 HB Nuenen (NL).

29720, NL-2502 LS The Hague (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,

AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,

MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG,

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

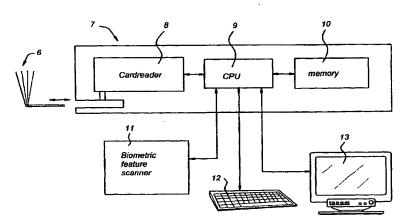
US, UZ, VC, VN, YU, ZA, ZM, ZW.

#### **Published:**

with international search report

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AUTOMATIC VERIFICATION OF THE HOLDER OF AN AUTHORISATION DOC-UMENT



(57) Abstract: System for reading a document provided with machine-readable holder details and establishing whether a person presenting the document has a predetermined right, which document at least contains a chip containing biometric data on a holder as well as data with a predetermined relationship to the holder details, and wherein the system comprises: • a reader for reading the chip and the machine-readable holder details; • a memory containing details with regard to the right of the holder; • a biometric feature scanner; • a processing unit connected to reader, memory and scanner and equipped to: • establish the authenticity of chip and data using public key encryption technology; • receive the biometric data on the holder from the chip; • receive the biometric data on the person presenting the document from the scanner and to compare these with the data on the holder to determine whether the person presenting the document is the holder; • receive the holder details via the reader, check the relationship between the holder details and the data and read the right of the holder from the memory; provide a signal to indicate the right for the person presenting the document if the chip and the data are authentic, the relationship has been established and the person presenting the document is the same as the holder.

,

# WO 2004/017265 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.